

Nevada Department of Agriculture

June 26, 2001

350 Capitol Hill Avenue, Reno, NV 89502

(775) 688-1182 x 249

jgeddes@govmail.state.nv.us

Fuel Standards Environmental Coordination Committee Minutes

Date	April 11, 2001
Time	1:30 PM- 3:30 PM
Place	Conference Room A, Nevada State Library, Carson City

ATTENDANCE:

1	Ms. Linda O'Brien, Washoe County Health Department, Air Quality Management Division
2	Ms. Adele Malone, Nevada Department of Environmental Protection
3	Ms. Norma McCusker, Western Energetix
4	Dr. Jim Brandmueller, Clean Energy Concepts
5	Ms. Jean Ely, Washoe County General Services
6	Dr. Jason Geddes, Chemist, Nevada Department of Agriculture
7	Mr. Dave McNeil, Nevada State Energy Office
8	Mr. Russ Teal, Biodiesel Development Corporation
9	Mr. Peter Konesky, Nevada State Energy Office
10	Mr. Jim Peeples, AAE Technologies

ITEMS DISCUSSED

1	Legislative Update	X
2	Biodiesel	X
3	Ethanol Diesel	X

Meeting came to order at 1:35 p.m.

Jason noted attendance was low as there were at least three legislative hearings that required FSECC members to attend.

Legislative Update

Jim B. and Jason updated the committee on the status of a variety of bills before the legislature related to fuels. Since the meeting, the legislative session has ended. The bills and there status are summarized below.

Ethanol Diesel

Jim Peeples made a presentation on the ethanol diesel being used in Clark County and the results of the studies performed on fleets. Copies of the results may be received from Doug Vind of Regent International.

Biodiesel

Russ Teal, Norma and Jim B. gave a status report on the use of biodiesel in Nevada and the status of the yellow grease reprocessing plants in Las Vegas. The biodiesel generated in Las Vegas is being shipped to Washoe County for use as they explore building a plant in Northern Nevada. The group then went outside to view the Biodiesel Bug, a state motor pool Volkswagen Beetle running on B20.

The table on the back of the page summarizes some properties of these fuels.

The meeting adjourned at 3:15 p.m.

	Ethanol diesel (7.7%)	Biodiesel (20%, soy)	Biodiesel (20%, yellow grease)
Nevada Alternative Fuel	Yes	Yes	Yes
Federal Alternative Fuel	No	Yes	Yes
Total Hydrocarbons	-89%	-30%	-13%
PM10	-31%	-22%	-14%
Carbon monoxide	-23%	-20%	-7%
Nitrogen oxides	-3.3%	+2%	+1%
Sulfates	Not available	-20%	-20%

BTU Content

Diesel	140,000
Ethanol diesel (7.7%)	135,000
Ethanol diesel (10%)	133,600
Ethanol diesel (15%)	130,400
Biodiesel (20%)	136,200
Biodiesel (50%)	130,500
Biodiesel (100%)	120,900